Learning Objectives

BATH SALTS

- **Identify different forms of MPDV.**
- **Describe how MPDV affects the human body.**
- **Be able to identify Bath Salts as illegal**

BATH SALTS

The following is a sample of designer “bath salt” products associated with unregulated
psychoactive substances that are potentially harmful:

- Ivory Wave
- Vanilla Sky
- Pure Ivory
- Whack
- Bolivian Bath
- Purple Wave
- Charge+
- Ocean Burst
- Sextacy
- Gloom
- Purple Rain
- Salt
- Fly
- Hurricane Charlie
- Crush
- White Rush

Other Names

Charge
 Ivory
Ivory Wave
 Meow Meow (or Miaow Miaow)
 MCAT
 4MMC
 Drone
 Bubbles
 Bubble Love
 Bounce
 Plant Food
 Meph
 Shake n Vac
 Mad Cow

Although only a small sample of “bath salts” have been tested, those that have – such as Ivory Wave, Vanilla Sky, and Whack - suggest that the principal active ingredient in these products is:

MDPV (Methylenedioxypyrovalerone), a highly potent synthetic cathinone derivative. Following the decision by a number of European governments to include MDPV on a list of controlled substances in mid-2010, it seems that the chemical composition of “bath salts” has changed.

Limited testing in the United Kingdom suggests that post-April 2010 “bath salts” mainly consisted of 2-DPMP (2-diphenylmethylpiperidine) and DMAA (Dimethylamylamine). **2-DPMP**, a substance closely linked to the drug methylphenidate (**Ritalin**) that exhibits similar pharmacological effects associated with amphetamines, was placed on an import ban in the UK in November 2010. DMAA was marketed as a nasal decongestant in the late 1940s and is currently marketed as a dietary supplement. Cutting agents, such as the common local anesthetic Lidocaine, have also been found in addition to the active ingredients.

Acute side effects of MDPV include:

- tachycardia,
- hypertension,
- vasoconstriction, and
- sweating

Duration of the subjective effects is about 3 to 4 hours and the side effects continuing a total of 6 to 8 hours after administration.

Higher doses of MDPV have caused:

- intense, prolonged panic attacks in stimulant-intolerant users
- psychosis induced by sleep deprivation
- becoming addicted after using higher doses or using at more frequent dosing intervals

Legal Status

- US Army:
  - AR 600-85, para 4-2m(2) states that any drug that is used *“for the primary purpose of inducing excitement, intoxication, and/ or stupefaction”* is prohibited.
    - Bath Salts fall into this category.

QUESTIONS ?

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